

# OPTIMUS®

Cat. No. 40-1407

## AMX-4 Portable Amplified Speaker System

Your Optimus AMX-4 Portable Amplified Speaker System lets you take excellent stereo sound with you almost anywhere. You can connect the speakers to any personal audio source, such as a cassette player, portable CD player, or radio with a 1/8-inch jack. Its bass and treble boost controls let you adjust high and low frequency response for enhanced sound.

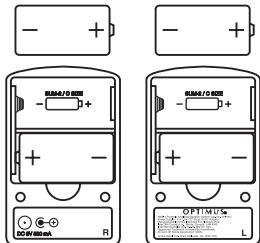
### CONNECTING POWER

#### Using Batteries

You can power the system from four C batteries. For best performance, we recommend RadioShack alkaline batteries.

Follow these steps to install batteries in each speaker.

1. Lift the tab on the battery compartment cover in the direction of the arrow and remove the cover.



2. Install two C batteries as indicated by the polarity symbols (+ and -) inside the compartment.
3. Replace the cover.
4. Repeat Steps 1–3 for the other speaker.

**Note:** If the sound becomes weak or the red indicator dims, replace the batteries.

**Caution:** To avoid damage to the system, remove the batteries if you do not plan to use the speakers for a month or more, or if you plan to use AC or DC power.

#### Using AC Power

You can power the speakers from a standard AC outlet with an AC adapter (not supplied), available at your local RadioShack store.

#### Cautions:

- You must use an AC adapter that supplies 9 volts DC and delivers at least 500 milliamps. Its center tip must be set to positive and its plug must correctly fit the system's **DC 9V 500 mA** jack. Using an adapter that does not meet these specifications could seriously damage the system or the adapter.

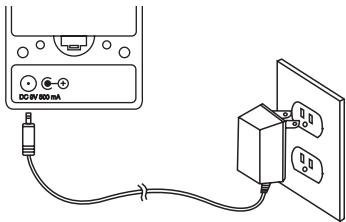
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- Be sure you connect the adapter as instructed, and disconnect the adapter from the AC outlet before you disconnect it from the system. Otherwise, the unconnected plug might touch some metal and damage the adapter.

Follow these steps to power the system from an AC outlet.

1. Insert the adapter's barrel plug into the system's **DC 9V** jack.



2. Plug the adapter into a standard AC outlet.

## Using Vehicle Battery Power

You can power the speakers from your vehicle's battery with a DC adapter (not supplied), available at your local RadioShack store.

### Cautions:

- Your vehicle must have a 12-volt DC, negative-ground electrical system.
- You must use a DC adapter that supplies 9 volts and delivers at least 500 millamps. Its center tip must be set to positive, and its plug must correctly fit the system's **DC 9V** jack.

Using an adapter that does not meet these specifications could seriously damage the system or the adapter.

- Be sure you connect the adapter as instructed, and disconnect the adapter from the cigarette lighter before you disconnect it from the system. Otherwise, the unconnected plug might touch some metal in the vehicle and damage the adapter and/or the vehicle's electrical system.

Follow these steps to power the system from your vehicle's battery:

1. If necessary, set the adapter's voltage switch to 9V.
2. Insert the adapter's barrel plug into the system's **DC 9V** jack.
3. Plug the adapter's large plug into the vehicle's cigarette lighter socket.

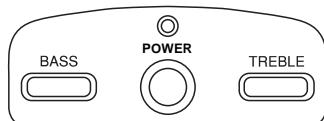
## OPERATION

### Notes:

- Be sure the audio source's power is off and its volume control is set to its minimum level.
- If the audio source is stereo, the speaker with the built-in amplifier is the right speaker.

1. Insert the speaker system's 1/8-inch miniplug into your audio source's headphone jack.

2. Turn on the audio source and adjust the volume to a comfortable listening level.



3. To turn the amplifier on, press **POWER**. The red indicator lights.

**Note:** The system's volume varies with the audio sources volume level. Use the audio source's volume control to set the volume.

4. Press **BASS** in for enhanced low frequency response or out for normal response.
5. Press **TREBLE** in for enhanced high frequency response or out for normal response.
6. To set built-in amplifier off, press **POWER** again.

**Note:** If the audio source's output power does not exceed 750 mW, you can use the speakers with **POWER** set to **OFF**. Volume will be lower than if you used the amplifier.

## CARE

To enjoy your speaker system for a long time:

- Keep the speaker system dry. If it gets wet, wipe it dry immediately.
- Use and store the speaker system only in normal temperature environments.
- Handle the speaker system gently and carefully. Don't drop it.
- Keep the speaker system away from dust and dirt.
- Wipe the speaker system with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the speaker system's internal components can cause a malfunction and invalidate its warranty. If your speaker system is not performing as it should, take it to your local RadioShack store for assistance.

## SPECIFICATIONS

Full-range Shielded Speaker .....	2 <sup>1</sup> / <sub>4</sub> Inches in Diameter
Amplifier Input Impedance .....	600 ohm
Frequency Response .....	500 Hz to 12 kHz
Tone Boost .....	Bass, +5 dB at 125 Hz Treble, +5 dB at 6.3 kHz
Power Output (@10% THD) .....	0.75 W per Channel 1 W per Channel (Maximum)
Power Requirements .....	DC 9V, 500 mA (with Adapter) 4 C Batteries
Dimensions .....	4 <sup>3</sup> / <sub>8</sub> × 2 <sup>3</sup> / <sub>4</sub> × 3 <sup>3</sup> / <sub>8</sub> Inches (111 × 70 × 86 mm)
Weight (Without Batteries) .....	1 lb, 1.3 oz (490.46 g)

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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